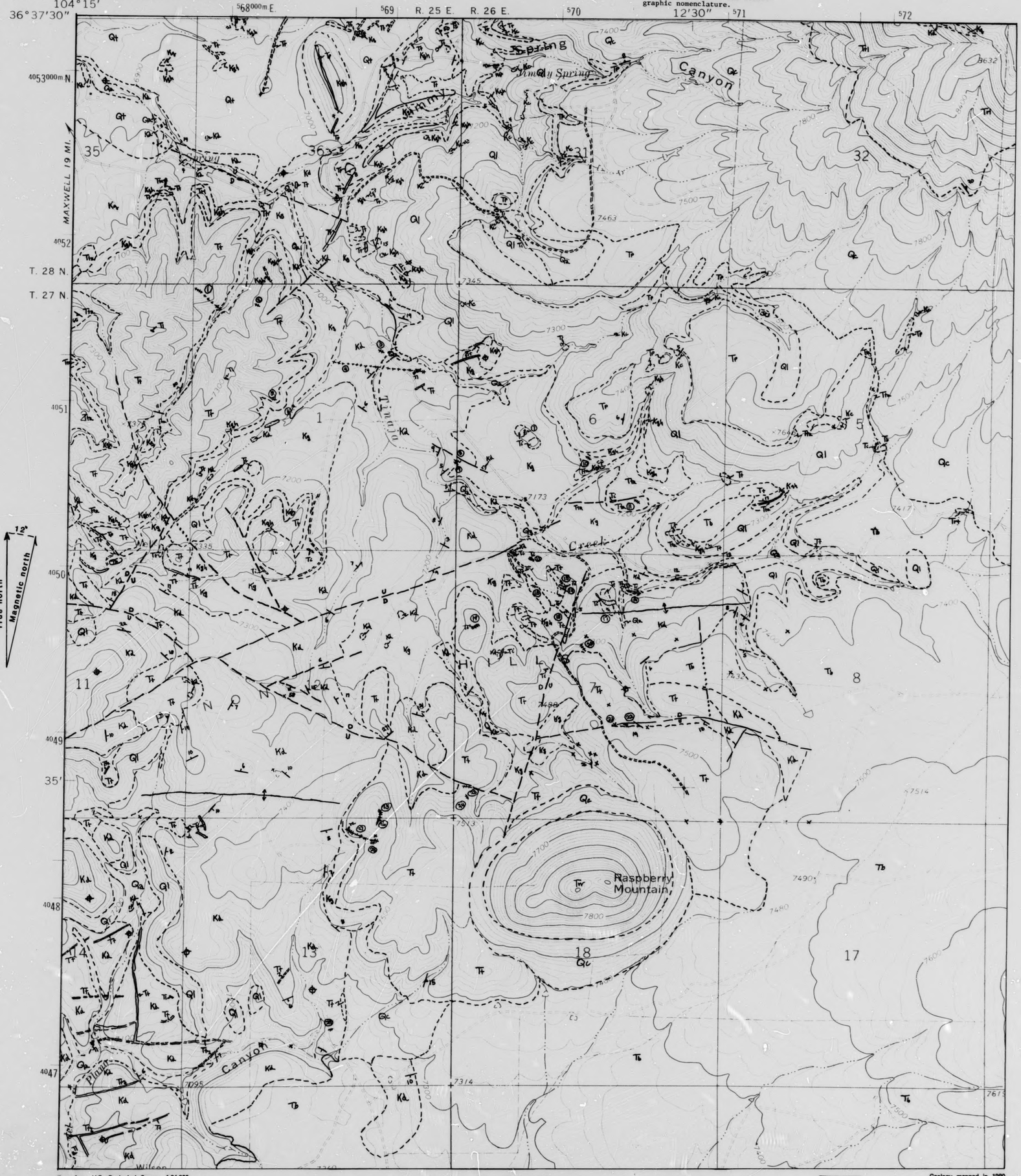
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

OPEN-FILE REPORT
82-453



Base from U.S. Geological Survey, 1:24,000
Pine Buttes, 1971

SCALE 1:12 000

½ 0 1 MILE
.5 0 1 KILOMETRE

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Geology mapped in 1980

INDEX MAP

CORRELATION OF MAP UNITS

QUATERNARY	Qa	Qc	
		Ql	
		Qt	
Unconformity			
UPPER TERTIARY		Tl	
	Trl	Trr	Trt
		Tb	
		Tp	
	Ti	Tta	
		Tt	
Unconformity			
UPPER CRETACEOUS		Kc	
		Kgh	
		Kg	
		Kd	

LIST OF MAP UNITS

- Qa — Alluvium
- Qc — Colluvium
- Ql — Landslide deposits
- Qt — Terrace gravels
- Tl — Lamprophyre dike
- Trt — Rhyodacitic tuff
- Trl — Rhyodacite of Laughlin Peak
- Trr — Rhyodacite of Raspberry Mountain
- Tb — Basalt
- Tp — Phonolite
- Tta — Trachyandesite
- Ti — Intrusive breccia
- Tt — Trachyte
- Kc — Carlile Formation (shale containing thin limestone beds)
- Kgh — Greenhorn Formation (Interbedded shale and limestone)
- Kg — Graneros Shale
- Kd — Dakota Sandstone

- CONTACT--dashed where approximately located
- FAULT--showing dip; dashed where approximately located; dotted where concealed; U, upthrown side; D, downthrown side
- ANTICLINE--approximately located

STRIKE AND DIP OF BEDS
- Inclined
- Horizontal

- STRIKE AND DIP OF FLOW STRUCTURES
- PIT
- SHAFT
- CAVED ADIT
- (12) LOCALITY NUMBER OF VEIN
- VEIN--showing dip, dotted where not exposed

GEOLOGIC MAP OF THE LAUGHLIN PEAK AREA, COLFAX COUNTY, NEW MEXICO

By

Mortimer H. Staatz

1982